



PUBLIC NOTICE

File Number: NRS 14.107

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Tennessee Department of Transportation
Environmental Permits Section
Suite 900, James K. Polk Bldg.
505 Deaderick St.
Nashville, TN 37243
615-253-9455

LOCATION: State Route 317 from Old Lee Highway to SR-321, TDOT 33071-1228-14, PIN107637.03 File# NRS 14.107, Hamilton County (Lat: 35.066075/Lon: -85.081353).

PROJECT DESCRIPTION: The applicant proposes to widen and improve State Route 317 from Old Lee Highway to SR-321 involving impacts to streams and wetlands.

Impact 1: Latitude: 35.066075 Longitude: -85.081353
Unnamed tributary to Wolftever Creek (STR 1) Station 196+52 to Sta. 201+55

Location 1: Existing 20 ft. of 30" CMP (to be removed), 62 ft. of 36" RCP (to be removed) and 390 ft. of open stream to be replaced with 22 ft. of 6X3 ft. RCBC, 110 ft. 6X3 ft. RCBC and 410 ft. of open channel (including 43 ft. of riprap). Location 2: 73 ft. of 36"X48" RCP (to be removed) to be replaced with 57 ft. of 10X4 ft. RCBC (Sta. 201+11(Rt.)). Associated with this site is permanent fill of 0.088 acre wetlands and removal/installation of utilities (water, sewer and telecommunication). The in kind relocation of open stream would involve mimicking original profile and dimensions, tree and shrub plantings on both sides of the channel and a minimum of three years of monitoring.

Impact 2: Latitude: 35.063281 Longitude: -85.076556
Unnamed tributary to Wolftever Creek (STR 2) Station 216+00 to Sta. 225+00

Location 1: existing 83 ft. of 2@60" RCP, 70 ft. of 8X6 ft. RCBC, 10 ft. of wooden bridge and 360 ft. of open stream to be replaced with 469 ft. of 14X6 ft. RCBC with 16 ft. riprap at inlet and outlet. Location 2: Existing 94 ft. of 2@12X10 ft. RCBC (to remain) and 56 ft. of open stream would be replaced with 40 ft. of 2@12X10 ft. RCBC extension and 16 ft. of riprap at inlet and

outlet. Associated with this site is removal/installation of utilities (water, sewer and telecommunication) and installation of 172 ft. of 24" RCP spring drain (SPG-1).

Impact 3: Latitude: 35.061022

Longitude: -85.070075

Unnamed tributary to Wolftever Creek (STR 3)

Station 238+71

Existing 97 ft. of 2@12X8 ft. Box Bridge to have 2 ft. cantilever steel beam extension installed. Associated with this site is removal/installation of utilities (water, sewer and telecommunication)..

MITIGATION REQUIRED: The applicant would mitigate the 384 ft. of encapsulation by payment of \$92,160.00 to the Tennessee Stream Mitigation Program for 384 credits. In kind relocation of open stream would involve mimicking original profile and dimensions, tree and shrub plantings on both sides of the channel and a minimum of three years of monitoring.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: Wolftever Creek TN06020001889_1000 flows into the Chickamauga Reservoir which is part of the Lower Tennessee River Watershed. This watershed encompasses 9 counties and drains approximately 1,870 square miles. For more information on this watershed please visit:

<http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

Wolftever Creek TN06020001889_1000 (unnamed tributary) is in the Southern Limestone/Dolomite Valleys and Low Rolling Hills (67f). The channel dimensions are as follows: channel bottom width 10', channel top width 12-15', water depth 1-4", and bank height 1-2'. Typical substrate in this section is comprised of cobble/gravel/sand. The stream side vegetation is mainly small trees and privet. Surrounding land use is rural forested.

Wolftever Creek (and tributaries) was assessed in 2012. It is supporting its designated uses except recreation. The specific uses that are not meeting use support and the causes are as follows: *E. coli*. Therefore the stream is available for additional impacts to habitat.

Stream Name / ID #: Wolftever Creek TN06020001889_1000

Ecoregion: Southern Limestone/Dolomite Valleys and Low Rolling Hills (67f)

Stream Dimension:

| | |
|----------------------|--------|
| Channel bottom width | 10' |
| Chanel top width | 12-15' |
| Water depth | 1-4" |
| Bank height | 1-2' |

Substrate: Cobble/gravel/sand

Designated Use

Fish and aquatic life

Recreation

Industrial water supply

Irrigation

Use Support

fully supporting

not supporting

fully supporting

fully supporting

Causes

E. coli

Livestock watering & wildlife fully supporting

Assessment Date: 2012

PERMIT COORDINATOR: Brian Canada

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

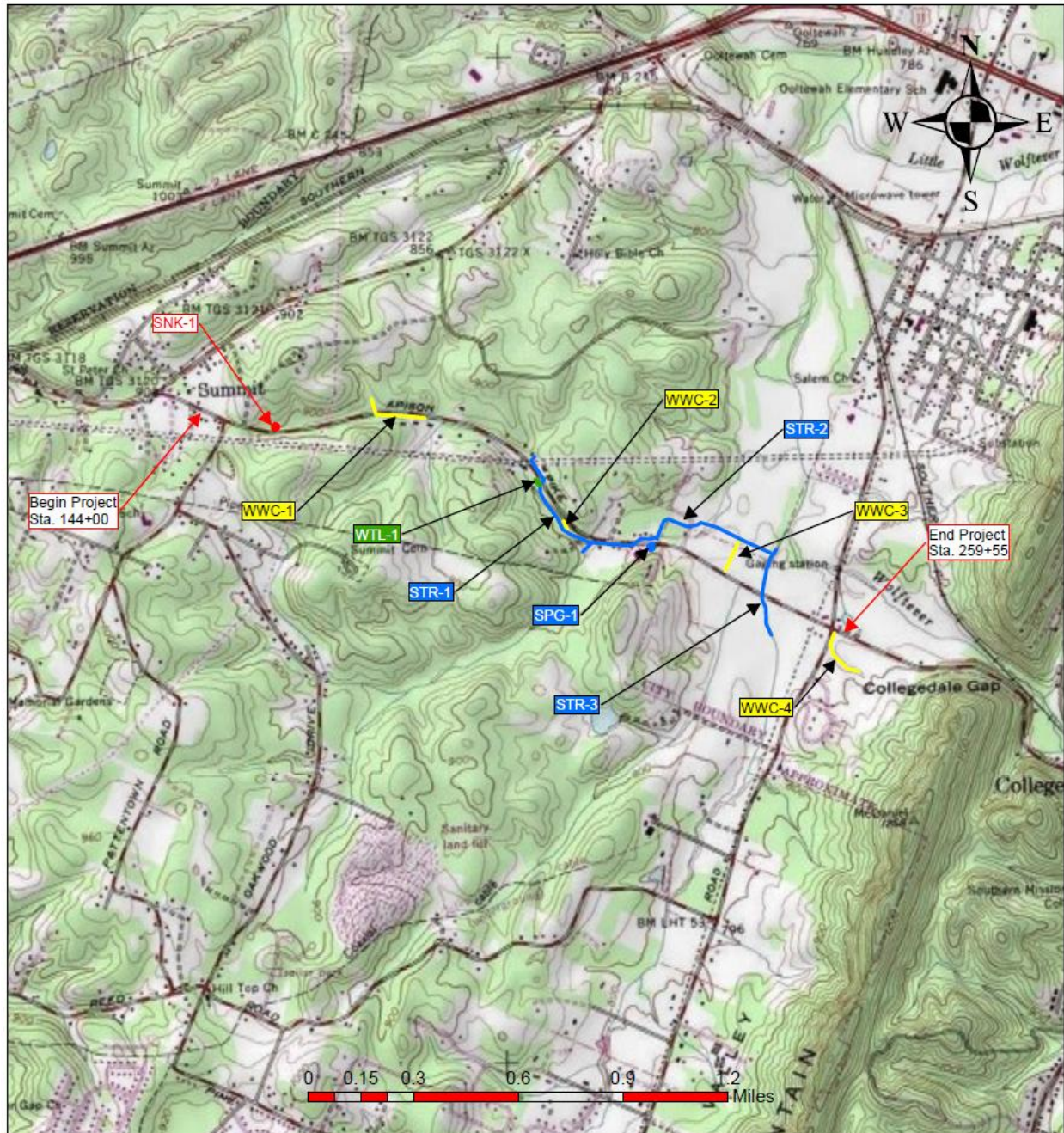
COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243



Form G Map
Hamilton County, SR-317 (Apison Pk) at Old Lee Highway to SR-321 (Ooltewah-Ringold Road)
Ooltewah (112-SE)

P.E. 33070-1228-14
PIN 107637.03



Index of Sheets

| SHEET NO. | DESCRIPTION |
|------------|---------------------------------|
| 1 | TITLE SHEET |
| 2-2C | TYPICAL SECTIONS |
| 3-3D | PROPERTY MAPS |
| 3E-3G | R.O.W. ACQUISITION TABLES |
| 3H | R.O.W. NOTES AND UTILITY OWNERS |
| 4-7AA-13 | PRESENT WITH CONTOUR LAYOUTS |
| 4A-7BB-13A | R.O.W. DETAILS |
| 4B-7CC-13B | PROPOSED LAYOUTS |
| 4C-13C | PROFILES |
| 14-22 | PROFILE OF SIDE ROADS |
| 23-33 | PROFILE OF PRIVATE DRIVES |

PRELIMINARY
 BEGIN PROJECT NO. 33070-1228-14
 SURVEY CL. STATION 144+00.00
 N 268899.89
 E 2238360.21

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
 BUREAU OF ENGINEERING

HAMILTON COUNTY
 S.R. 317 (AFTON PIKE) AT OLD LEE HIGHWAY
 TO S.R. 321 (OOLLEVAH-RINGGOLD ROAD)

STATE HIGHWAY NO. 317 F.A.R.S. NO.



Form G Plans

| TENN. | YR. | SHEET NO. |
|----------|---------------|-----------|
| 2010 | 1 | |
| FILE NO. | 33070-1228-14 | |

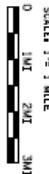
HAMILTON COUNTY

PRELIMINARY
 END PROJECT NO. 33070-1228-14
 SURVEY CL. STATION 299+55.89
 N 265517.86
 E 2248714.06

NO EQUATIONS
NO EXCLUSIONS

NOTE
THESE PLANS HAVE BEEN
REVIEWED AND ARE
NOT TO SCALE ANYWHERE

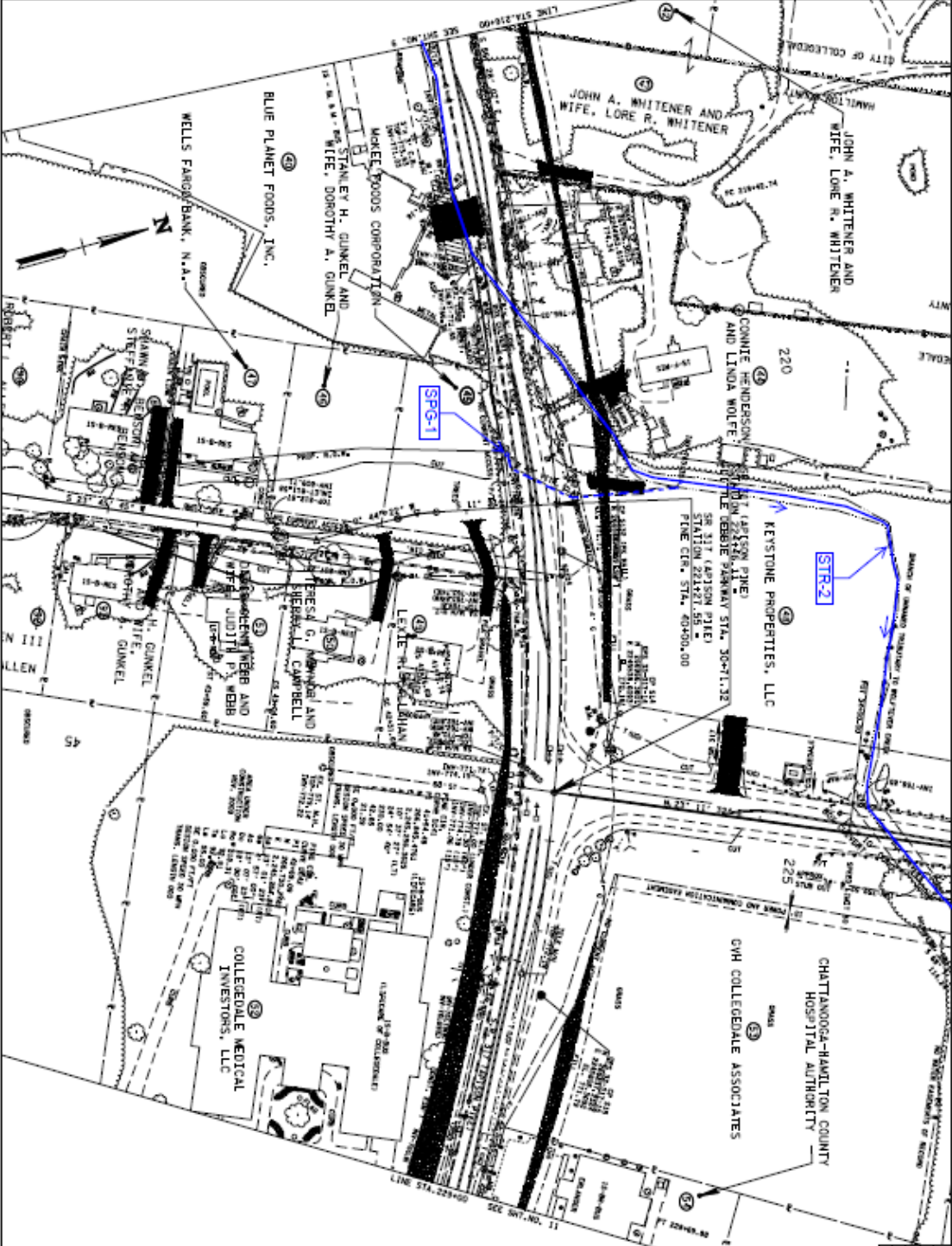
PRELIMINARY
PLANS



| TRAFFIC DATA | |
|--------------|---------|
| ADT (2025) | 18,610 |
| ADT (2023) | 23,240 |
| DMV (2025) | 3,626 |
| D | 60 - 40 |
| T (ADT) | 5 % |
| T (DMV) | 3 % |
| V | 45 MPH |

| |
|--------------------|
| STATE OF TENNESSEE |
| DESIGN DIVISION |
| FILE NO. |

PROJECT NO. 208400
 COUNTY OF HAMPSHIRE
 PROJECT LOCATION: ROUTE 225, FROM ROUTE 100 TO ROUTE 100A



| TYPE | DATE | REVISION |
|--------|------|------------|
| PRELIM | 2023 | 2023-10-14 |
| | | |
| | | |
| | | |

**PRELIMINARY
PLANS**

CONTRACT NO. 208400
 PROJECT LOCATION: ROUTE 225, FROM ROUTE 100 TO ROUTE 100A
 PREPARED BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]
 DATE: 2023-10-14
 SCALE: 1" = 50'

